

SUMMARY

The study of the existing well system in Chicago Heights concluded that expenses on homeowner treatment (water softeners, iron removal equipment, etc.) were a large contributor to the overall costs per 1000 gallons of water. Further, to bring well water up to standards equivalent to that of Lake Michigan water is an expensive proposition.

To bring Lake Michigan water into Chicago Heights requires the installation of a 6-million gallon reservoir and pump station, modifications to the existing pump station's controls, internal watermain reinforcements and extensions, and abandoning of the existing wells. The total cost for the improvements is \$4,135,200.

The cost per 1000 gallons of water utilizing wells vs. Lake Michigan water is as follows:

EPA Region 5 Records Ctr.



303327

1-25-87
FBI Chicago
202-6113

1-25-87

Chicago Heights Well Locations
from C. Ch. Heights, Municipal Utility

-- Congress & Kennedy Av.	H-1
- 1327 Ellis	H-6
3 - " "	H-1
1 - 1408 Deer Creek.	H-1
2 - 16 " W. Woodlawn,	H-2

1-25-87

Info from Feds + Chicago Heights
Municipal Utility

→ 7 wells

usage - 1983

total 862,490⁰⁰⁰ GAC

~ 850 million GAC / yr. for 3 wells
E. CHGO. HTS WELL →
ECHO HTS UTILITY CORP.

#4 (450)
500 GPM - 400' DEPT

#3 950 " 1800 " "

#1 (STANSBY) 200 GPM } STANSBY (SHALLOW)
#2 " "

#5 - 500 GPM →

WELL DEPT

1 510'

2 477'

3 1858'

4 491'

5 466'

6 460'

7 460'

3, 6, 7 are leased

1, 2, 4, 5 E CHGO HTS wells.